

Title (en)

GRIPPER FOR THERMOPLASTIC CONTAINERS

Title (de)

GREIFER FÜR THERMOPLASTISCHE BEHÄLTER

Title (fr)

DISPOSITIFS DE PRISE POUR CONTENEURS THERMOPLASTIQUES

Publication

EP 3041769 A1 20160713 (EN)

Application

EP 14786306 A 20140904

Priority

- IT RM20130490 A 20130904
- IB 2014064248 W 20140904

Abstract (en)

[origin: WO2015033289A1] A plant for the production of containers made of PET comprises at least one rotary carousel for the production of preforms (2) and at least one zone, in which the preforms are either stored or they may be blown on another rotary carousel. The molded preforms are extracted from the carousel (2) by means of a transfer starwheel (50) provided with grippers (4) capable of performing complex translating-rotating type movements and independent grasping movements. The grippers (4) are provided with two suction jaws (90a and 90b) to make the grasping of the preforms more reliable when they are released from the rotary carousel for the production of the preforms (2).

IPC 8 full level

B65G 47/86 (2006.01); **B65G 47/90** (2006.01); **B65G 47/91** (2006.01)

CPC (source: EP US)

B29C 49/06 (2013.01 - EP US); **B29C 49/36** (2013.01 - EP US); **B29C 49/4205** (2013.01 - EP US); **B65G 47/847** (2013.01 - EP US); **B29C 49/0685** (2022.05 - EP US); **B29C 49/42073** (2022.05 - EP); **B29C 49/42075** (2022.05 - EP); **B29C 2049/023** (2013.01 - EP); **B29K 2667/003** (2013.01 - US); **B29L 2031/7158** (2013.01 - US)

Citation (search report)

See references of WO 2015033289A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015033289 A1 20150312; CA 2923131 A1 20150312; CA 2923131 C 20211109; CN 105658552 A 20160608; CN 105658552 B 20180209; EP 3041769 A1 20160713; EP 3041769 B1 20170705; IT RM20130490 A1 20150305; JP 2016529144 A 20160923; JP 6466948 B2 20190206; US 10023399 B2 20180717; US 2016214803 A1 20160728

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